

COMPANY NAME PERKIN-ELMER CORPORATION		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		Proposal No. P-E-34				
DATE Nov. 19, 1964		AFFECTS: WSPO <input checked="" type="checkbox"/>		PROJECT <input type="checkbox"/>						
NAME OF MAJOR COMPONENT Tracking Camera		PART OR LOWEST SUBASSEMBLY Metering Cam & Switch Actuator		PART NO. & MODEL OR TYPE 501-0040						
TITLE OF PROPOSAL: Modified Metering Cam (501-1099B)										
<p>NATURE OF PROPOSAL: To provide in kit form a modified Metering Cam & Associated Actuator Assembly. The cam's detent depth will be changed to eliminate actuator breakage. The actuator is supplied as part of the kit, to replace any obsolete assemblies.</p> <p style="text-align: center;"> Kit - 522-0711 Cam - 501-1099B Actuator - 151-2159 </p>										
<p>REASON FOR PROPOSAL: The proposed modification will eliminate any possibility of metering switch readjustment and consequently prevent actuator bending.</p> <p style="text-align: center;">Reference: Military Suggestion DAV-78-65 MEL.</p>										
E S		ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:								
C P		ESTIMATED COST FOR KITS OR PARTS: Selling Price - \$20.50/Kit (522-0171) ADDITIONAL FUNDING REQUIRED: Suggested Quantity - 26 Kits								
ITEMS AFFECTED BY PROPOSAL:										
Safety	Mission Effectiveness	Performance	Operating Procedure	Interchangeability	Weight or Weight & Balance	Tools & Support Equipment	Maintenance Procedure	Service Life	Flight Manual	Maintenance Manual
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. MAN/HR. REQ'D. TO ACCOMPLISH CHANGE IN FIELD								1.5 hrs. per unit		
SOURCE OF PARTS FOR KIT Contractor						AVAILABILITY 4 WEEKS AFTER APPROVAL				
DISPOSITION OF SPARES AFFECTED Scrap Existing Cams & Obsolete Actuators										
INITIATED BY: Contractor						APPROVED: WSPO				

COMPANY NAME PERKIN-ELMER CORPORATION		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		Proposal No. PE-33				
DATE 9/1/64		AFFECTS:		WSPO <input checked="" type="checkbox"/>		PROJECT <input type="checkbox"/>				
NAME OF MAJOR COMPONENT Tracking Camera		PART OR LOWEST SUBASSEMBLY 522-1196		PART NO. & MODEL OR TYPE 501-0005 MKIIA						
TITLE OF PROPOSAL: Panel Mounting Stud, Modification Kit										
<p>NATURE OF PROPOSAL: Provide in kit form, eight (8) modified Panel Mounting Stud, 522-1196-1 and associated hardware for each MK IIA Tracking Camera. (Four (4) MK IIA Trackers presently in system for use with System IV equipment.) Service bulletin will regulate field installation.</p> <p>Suggested Quantity: 4 ea. Kit, Modified Panel Mounting Stud, 522-0168</p>										
<p>REASON FOR PROPOSAL: Military Suggestion DAV-1690-Mil.</p> <p>This suggestion has demonstrated that damage is caused to Control Panel Assembly 501-0064 by existing profile of Panel Mounting Stud 522-1196.</p>										
E S		ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:								
C P		ESTIMATED COST FOR KITS OR PARTS: \$75.00 per kit 522-0168. Suggested Quantity - ADDITIONAL FUNDING REQUIRED: 4 Kits								
ITEMS AFFECTED BY PROPOSAL:										
Safety <input type="checkbox"/>	Mission Effectiveness <input type="checkbox"/>	Performance <input type="checkbox"/>	Operating Procedure <input type="checkbox"/>	Interchangeability <input type="checkbox"/>	Weight or Weight & Balance <input type="checkbox"/>	Tools & Support Equipment <input type="checkbox"/>	Maintenance Procedure <input checked="" type="checkbox"/>	Service Life <input checked="" type="checkbox"/>	Flight Manual <input type="checkbox"/>	Maintenance Manual <input type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD								1.5 hrs per unit		
SOURCE OF PARTS FOR KIT Contractor					AVAILABILITY			4 WEEKS AFTER APPROVAL		
DISPOSITION OF SPARES AFFECTED Scrap										
INITIATED BY: Contractor					APPROVED: WSPO			PROJECT		

COMPANY NAME PERKIN-ELMER CORPORATION		ENGINEERING STUDY <input type="checkbox"/>		CHANGE PROPOSAL <input checked="" type="checkbox"/>		Proposal No. P-E 32				
DATE 8/20/61		AFFECTS: WSPO <input checked="" type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>						
NAME OF MAJOR COMPONENT Tracking Camera		PART OR LOWEST SUBASSEMBLY Scan Motor		PART NO. & MODEL OR TYPE 501-0060						
TITLE OF PROPOSAL: Interchangeable Scan Motor Replacement										
<p>NATURE OF PROPOSAL: Present Scan Motor is repairable item. In lieu of repairing existing motors that exhibit history of rework generated inefficiency, it is proposed to gradually integrate an interchangeable replacement motor into supply system under existing part number. One new motor has been successfully subjected to thorough engineering tests. To re-affirm reliability observed in test motor, a small initial quantity of ten motors is suggested for closely monitored field usage.</p>										
<p>REASON FOR PROPOSAL: A long history of sub-contractor indifference to reliability, quality control and delivery dates of repairable motors has prompted this action to incorporate an interchangeable replacement. In addition, component reliability has been found to decrease after two or more rework cycles.</p>										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: 10 ea. Motor Scan 501-0060 (Serial No. Control) ADDITIONAL FUNDING REQUIRED: \$1400.00 VS estimate repair costs of \$600.00									
ITEMS AFFECTED BY PROPOSAL:										
Safety	Mission Effectiveness	Performance	Operating Procedure	Interchangeability	Weight or Weight & Balance	Tools & Support Equipment	Maintenance Procedure	Service Life	Flight Manual	Maintenance Manual
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. MAN/HRS. REQ. TO ACCOMPLISH CHANGE IN FIELD										
SOURCE OF PARTS FOR KIT Contractor					AVAILABILITY <u>12</u> WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED								Scrap on rejection at contractor		
INITIATED BY: Contractor					APPROVED: WSPO PROJECT			Approved For Release 2002/06/14 : CIA-RDP71B00697R001600050012-4		